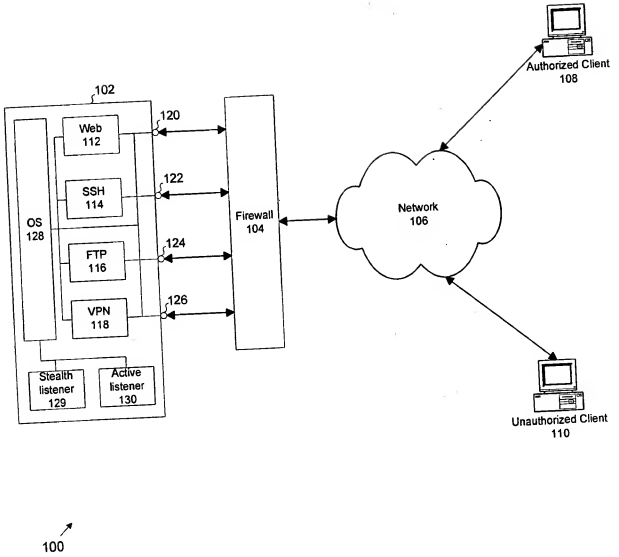
102
Web
112
120
SSH
114
122
FTP
116
124
VPN
118
126
OS
128
Stealth
listener
129
Active
listener
130
Firewall
104
Network
106
Authorized Client
108
Unauthorized Client
110
100

FIG. 1A

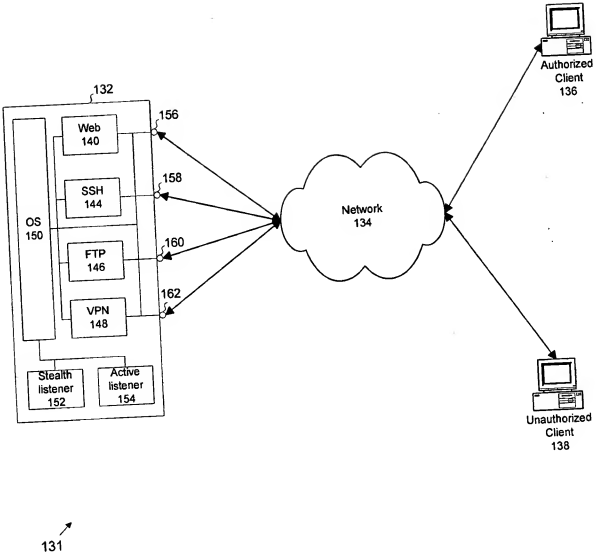
132
Web
140
SSH
144
FTP
146
VPN
148
OS
150
Stealth
listener
152
Active
listener
154
156
158
160
162
Network
134
Authorized
Client
136
Unauthorized
Client
138
131

FIG. 1B

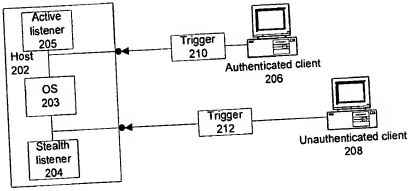

FIG. 2A

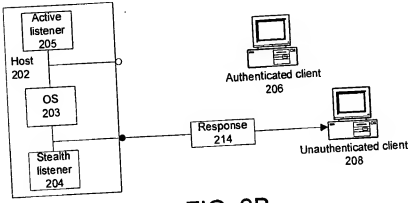

FIG. 2B

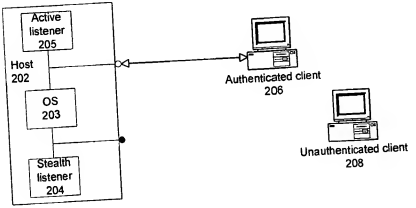

FIG. 2C

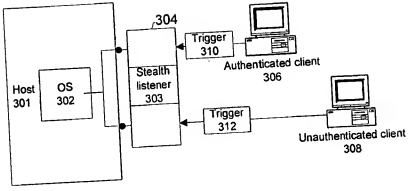

FIG. 3A

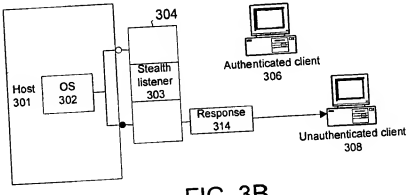

FIG. 3B

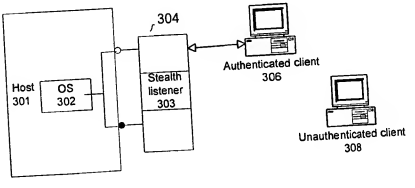

FIG. 3C

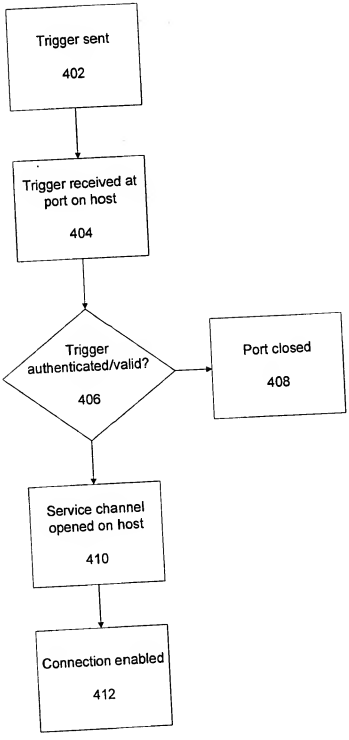
Trigger sent
402
Trigger received at port on host
404
Trigger authenticated/valid?
406
Port closed
408
Service channel opened on host
410
Connection enabled
412

FIG. 4

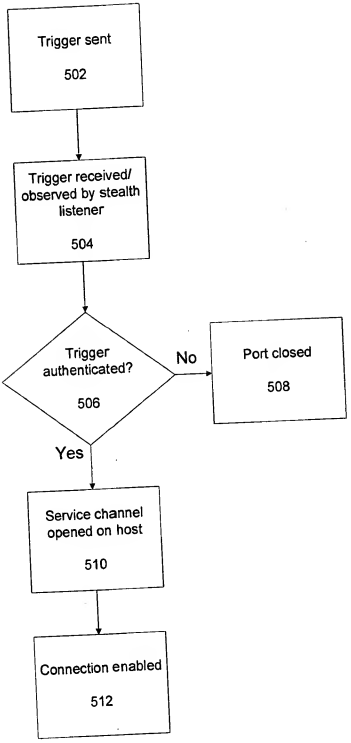
Trigger sent
502
Trigger received/ observed by stealth listener
504
Trigger authenticated?
506
No
Port closed
508
Yes
Service channel opened on host
510
Connection enabled
512

FIG. 5

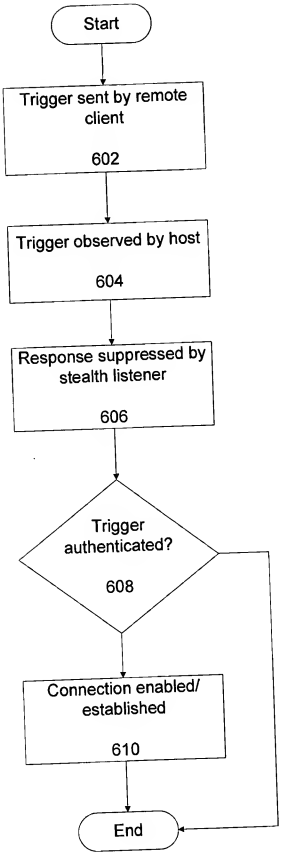
Start
Trigger sent by remote client
602
Trigger observed by host
604
Response suppressed by stealth listener
606
Trigger authenticated?
608
Connection enabled/ established
610
End

FIG. 6

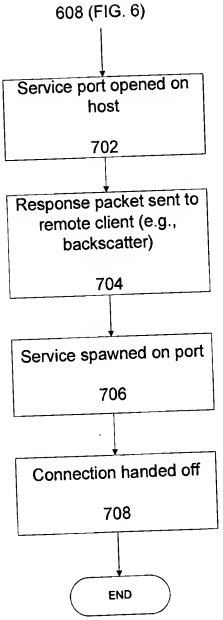
608 (FIG. 6)
Service port opened on host
702
Response packet sent to remote client (e.g., backscatter)
704
Service spawned on port
706
Connection handed off
708
END

FIG. 7

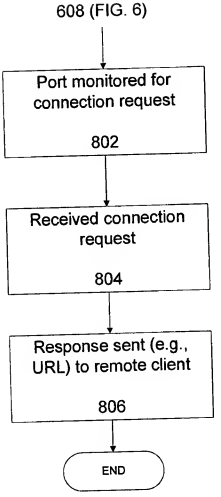
608 (FIG. 6)
Port monitored for connection request
802
Received connection request
804
Response sent (e.g., URL) to remote client
806
END

FIG. 8